

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 5011LSVFS6526
Catalog No: Y922
300,1800,TEFC,5011LS,3/60/2300/4000
Medium And High Voltage NEMA



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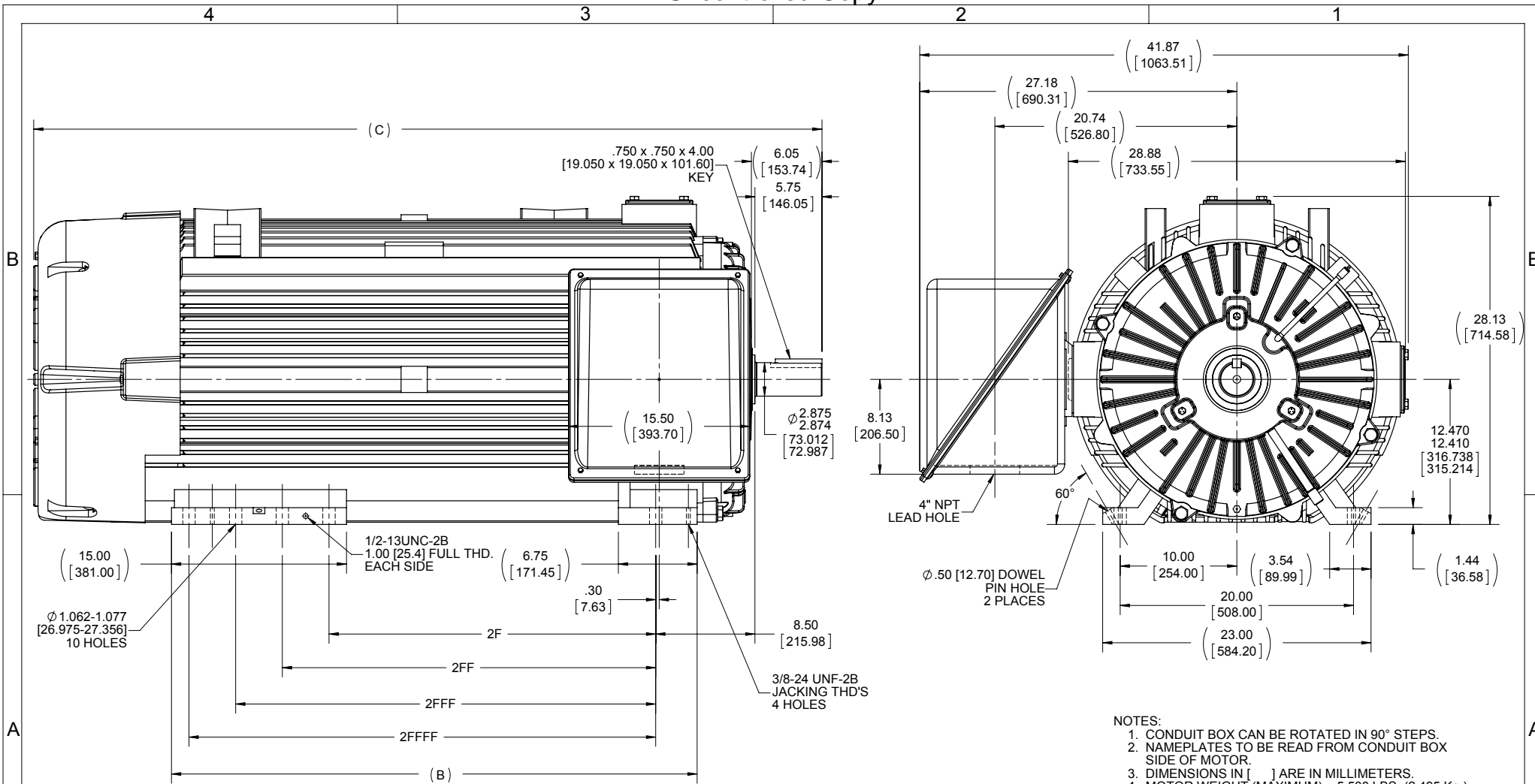
REGAL[®]

Nameplate Specifications

Output HP	300 Hp	Output KW	224 kW
Frequency	60 Hz	Voltage	2300/4000 V
Current	70.5/40.5 A	Speed	1780 rpm
Service Factor	1.15	Phase	3
Efficiency	95.4 %	Duty	CONTINUOUS
Insulation Class	H	Design Code	B
KVA Code	G	Frame	5011LS
Enclosure	TEFC	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6322
Opp Drive End Bearing Size	6318	UL	No
CSA	Y	CE	N
IP Code	55		

Technical Specifications

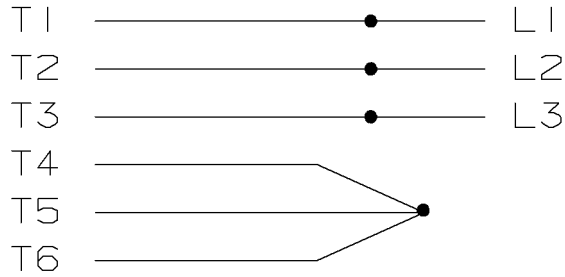
Electrical Type	SQ CAGE IND RUN	Starting Method	ACROSS THE LINE
Poles	4	Rotation	REV
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	CAST IRON	Shaft Type	LS
Overall Length	67.56 in	Frame Length	49.5 in
Shaft Diameter	2.63 in	Shaft Extension	6.05 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	B-SS518503-4950	Connection Diagram	A-EE7304



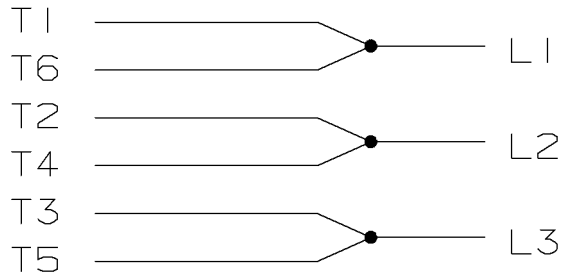
- NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
 3. DIMENSIONS IN [] ARE IN MILLIMETERS.
 4. MOTOR WEIGHT (MAXIMUM) = 5,500 LBS. (2,495 Kg)

DASH	FRAME	B	C	2F	2FF	2FFF	2FFFF	DRAWING REVISION	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DRAWN BY	REGAL™	Regal Beloit America, Inc.	
4950	5009LS	45.05 [1144.27]	67.56 [1716.02]	28.00 [711.20]	---	---	---	C	JJB	09-11-2014	DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±7° 30'	KL	REGAL™	Regal Beloit America, Inc.	
4950	5010LS	45.05 [1144.27]	67.56 [1716.02]	---	32.00 [812.80]	---	---	ECO-0059657	TDB	09-11-2014	.XX ±0.03 [±0.76] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127]	JES	REGAL™	Regal Beloit America, Inc.	
4950	5011LS	45.05 [1144.27]	67.56 [1716.02]	---	---	36.00 [914.40]	---	UPDATED TO CURRENT STANDARDS COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. (OWNER) AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.			KL	REGAL™	Regal Beloit America, Inc.		
4950	5012LS	45.05 [1144.27]	67.56 [1716.02]	---	---	---	40.00 [1016.00]				REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] CORNER FILLETS: .02 [51] MACHINED SURFACES: 200 INCH/mm 5.1 mm SHOWN IN [BRACKETS]	KL	REGAL™	Regal Beloit America, Inc.	
												DATE	05-25-2001	DESCRIPTION	5009-12LS FR-TEFC-F1/F2/F3 MOUNT-TAPPED LEAD HOLE
												APPROVED BY	JES	MATERIAL	
												DATE	05-25-2001	PROCESS/FINISH	
												REFERENCE			
												THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER	SS518503
															SHEET 1 OF 1

HIGH VOLTAGE
"Y" CONNECTION

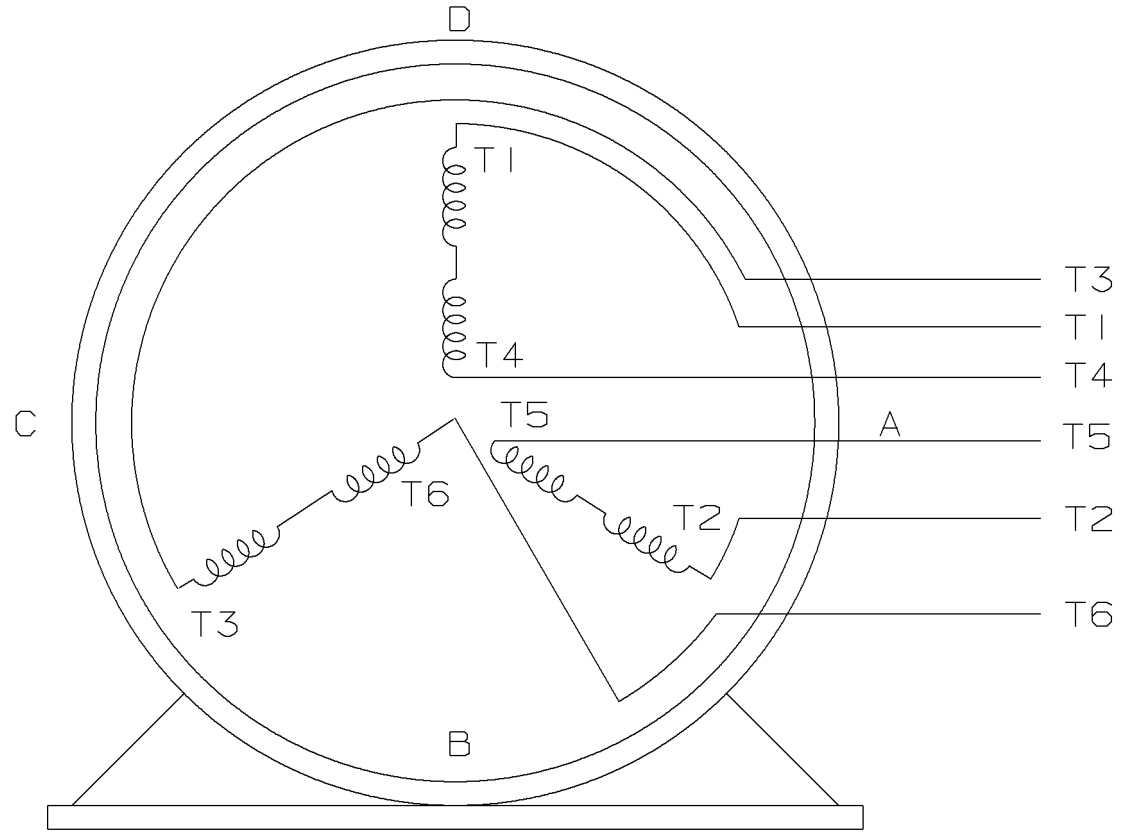


LOW VOLTAGE - DELTA



THREE PHASE - DUAL VOLTAGE

A- EE7304



VIEW OF TERMINAL END

T2DL
T2C
T4CC
T4AY
T4AZ
WP =T4J1

				✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± .02 XXX± .005 XXXX± .0005 ANGLES± 7'30"		
				MATL SPEC		DRAWN BY LZ	01-04-1994
				FINISH		CHKD BY ML	01-18-1994
9	01-24-1994	REDRAWN ON CADD	LZ	REFERENCE DRW.	WAUSAU, WISCONSIN 54401	APPD BY GK	01-18-1994
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM THREE PHASE, DUAL VOLTAGE			DRWG NO A- EE7304

SHOP BOOK

PURCHASED

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CADD FILE NO.

EE7304